

## Taxonomic notes on two African species of Podopinae (Heteroptera: Pentatomidae)

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*Kayesia nigrolineata* Distant is synonymized with *K. parva* Schouteden and *Oncozygidea denticollis* Linnavuori is transferred to *Scotinophara*.

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The paper is based on material from the collections of the Zoological Institute, St. Petersburg (ZISP), National Museum of Natural History, Prague (NMPC), and American Museum of Natural History, New York (AMNH) and collection of Dr. D.A. Rider, North Dakota State University.

**Kayesia parva** Schouteden, 1903

= *Kayesia nigrolineata* Distant, 1910: 78, **syn. n.**

**Material examined.** **Burkina Faso:** 5 ♂, Ouagadougou, 27.VIII, X-XI.1926, Olsufiev (ZISP); 4 ♂, 2 ♀, same locality, IX.1936, Šculina (NMPC); 1 ♂, Poundou, V.1928, Olsufiev (ZISP); **Mali:** 1 ♂, Sangha, Bandiagara, X.1936, Šculina (NMPC); **Niger:** 1 ♀, Maradi, Sahara merid., X.1936 Šculina (NMPC); 1 ♂, 2 ♀, environs du Tsad, Africa c., 1937, Šculina (NMPC); **DR Congo:** 1 ♂, Congo b. Ituri, Africa c., 1937, Šculina (NMPC); **Sudan:** 6 ♂, Upper Nile, nr. Malakal, 5-20.I.1963, Linnavuori (ZISP); 1 ♀, Kaduchii road, Khei-ban, 16.XI.1959, Steinberg (ZISP); **South Africa:** 1 ♂, TVL Kruger Nat. Park, Shingwedzi, 23.07°S 31.26°E, 6.II.1988, G.D. Butler (D.A. Rider collection).

**Discussion.** *Kayesia parva* was described from Sudan, *K. nigrolineata*, from South Africa (Natal). The examined specimen from South Africa fits the original description of *K. nigrolineata*. It is darker than other specimens examined, but does not differ in other external characters and the structure of the pygophore, paramere and aedeagus. As the coloration of *K. parva* is variable, I do not consider the darker form occurring in South Africa a separate species.

**Scotinophara denticollis** (Linnavuori, 1975), comb. n. (Figs 1, 4, 7, 8, 14, see p. 246)

*Oncozygidea denticollis* Linnavuori, 1975: 18-19.

**Material examined of *S. denticollis*.** **Ethiopia** (new record): 1 ♂, 30 km W Abobo, 25.XI.1986, L. Medvedev (ZISP).

**Comparative material of *O. flavitarsis*.** **Ghana** (new record): 1 ♂, Legon, A.D., 10.VII.1970 (D.A. Rider collection); 1 ♀, Tafo, 4-9.X.1967 (J. & S. Slater, R. Schuh) (AMNH).

**Discussion.** *Scotinophara denticollis* was described (in *Oncozygidea*) from Sudan. This species has some similarities to *Oncozygidea flavitarsis* Reuter, 1884: thickened bases of teeth on anterior angles of pronotum and convex lamellate lobe in the middle of its lateral margin. However, in *O. flavitarsis* (Fig. 3), each anterior angle of pronotum

is occupied by large spherical swelling separated from pronotal disc by impression and bearing a minute denticle, whereas in *S. denticollis* (Fig. 1), the teeth are large and except slightly thickened bases do not differ from those in other species of *Scotinophara* (Fig. 2). The lamellate pronotal margin of *S. denticollis*, except the large triangular lobe, is similar to that of some African species of *Scotinophara* related to *S. fibulata* Germar rather than to that of *O. flavitarsis* (Figs 1-3). *S. denticollis* is similar to other species of *Scotinophara* (and not to *O. flavitarsis*) in the vestiture of body, relative height of the anterior and posterior lobes of pronotum, shape of scutellar apex, length of rostrum, and coloration of abdominal venter. The male genitalia (Figs 4-16) also differ. The lateroapical angles of the pygophore of *O. flavitarsis* are very short and narrow in ventral view and not thickened in caudal view; the hypophysis of paramere is triangular prismatic in cross-section, forming on inner margin a small lobe curved inside; caudal ends of phallobase do not reach the middle of basal part of theca; the apex of conjunctiva is extended in a long narrow cone; the vesica is somewhat shorter than median penial plates. In *S. denticollis*, the lateroapical angles of the pygophore are thickened in caudal view, strongly extended and rectangular in ventral view (character unique for African *Scotinophara*); the hypophysis of paramere is in the form of a wide, flat, not curved blade with acute apex and rounded posterior angle; caudal ends of phallobase reach the middle of basal part of the theca; the apex of conjunctiva is rounded; the vesica is longer than median penial plates. The listed characters are common for *S. denticollis* and some African species of *Scotinophara*.

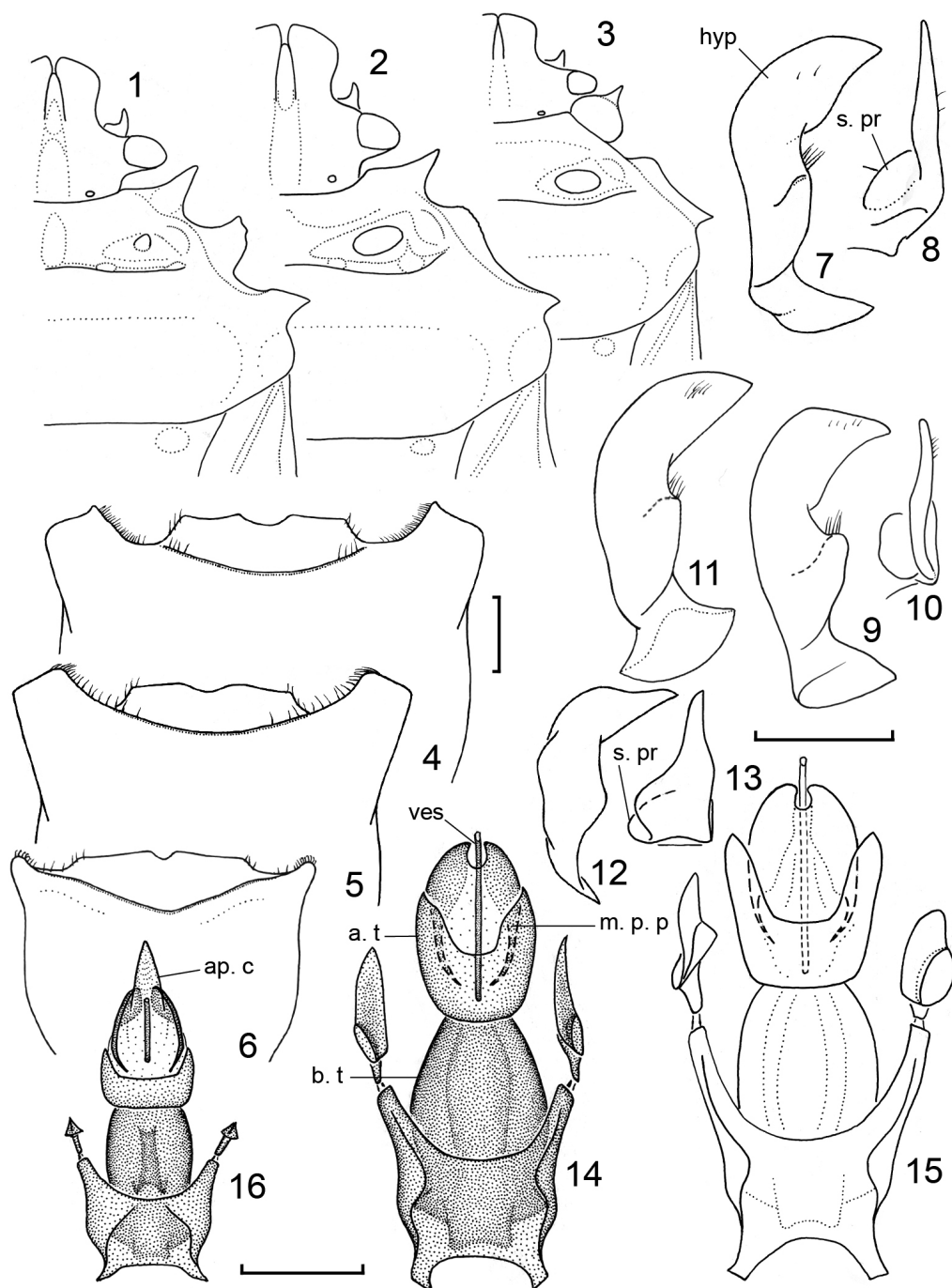
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**Figs 1-12.** 1, 4, 7, 8, 14, *Scotinophara denticollis*; 2, *Scotinophara* sp. 1 (Ethiopia, 30 km W Abobo, 25.XI.1986, L. Medvedev); 5, 9, 10, 15, *Scotinophara* sp. 2 (Tanzania, Lake Victoria, Bukoba, 18.VI.1912, Troitzky); 11, *Scotinophara* sp. 3 (Burundi, Lake Tanganyika, Bujumbura, 1.X.1912, Troitzky); 3, 6, 12, 13, 16, *Oncozygidea flavitarsis*. 1-3, pronotum; 4-6 pygophore, ventral; 7-13, paramere, lateral and frontal; 14-16, aedeagus, dorsal. *a.t.*, apical part of theca; *ap.c.*, apex of conjunctiva; *b.t.*, basal part of theca; *hyp.*, hypophysis of paramere; *m.p.p.*, medial penal plates; *phb.*, phallobase; *s.pr.*, sensory process; *ves.*, vesica. Scale lines: 0.25 mm.